



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/054,555	01/22/2002	Jean-Marc Follini	68.0211	7181

7590 09/08/2003

Schlumberger Technology Corporation
Schlumberger Reservoir Completions
14910 Airline Road
P.O. Box 1590
Rosharon, TX 77583-1590

EXAMINER

DANG, HOANG C

ART UNIT	PAPER NUMBER
----------	--------------

3672

DATE MAILED: 09/08/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/054,555

Applicant(s)

FOLLINI ET AL.

Examiner

Hoang Dang

Art Unit

3672

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 13 August 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-39 is/are pending in the application.
- 4a) Of the above claim(s) 34-36 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3, 7-9, 13, 14, 17-26 and 28-33 is/are rejected.
- 7) ☒ Claim(s) 4-6, 10-12, 15, 16, 27, 38 and 39 is/are objected to.
- 8) ☒ Claim(s) 34-36 are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 21 March 2002 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☒ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☒ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 4.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

DETAILED ACTION

Election/Restrictions

1. Applicant's election without traverse of Group I, claims 1-33 and 37-39 in Paper No. 6 is acknowledged.

2. Claims 34-36 are withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected invention, there being no allowable generic or linking claim.

Election was made **without** traverse in Paper No. 6.

Claim Objections

3. Claim 20 is objected to because of the following informalities: The expression "the plural bores" in line 2 has no proper antecedent basis. Appropriate correction is required.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 1, 2, 3, 7, 8, 9, 13, 14, 18, 21, 22, 23, 24, 25, 26, 28, 29, 30 and 31 are rejected under 35 U.S.C. 102(b) as being anticipated by Callihan et al (US 4,450,912).

The claimed structure reads exactly on the reference's when members (16), (35) and (16e) of Callihan et al are respectively considered as "body", "anchoring mechanism" and "flow conduit" as recited.

Art Unit: 3672

As to claims 2-3, see sealing elements 16b, 16c, etc.

As to claims 7-9, 30 and 31, see sliding valves 17-18 and check valve 25 or/and 32.

As to claims 13-14, the "bypass device" does not distinguish from the tubular extension 16p.

As to claim 18, see radial ports 16g or/and 16h.

As for claims 21 and 28, see column 4, lines 58-63.

As for claims 23-25, the "landing mechanism" does not distinguish from member 35 of Callihan et al.

As to claim 26, the "sleeve formed of a stretchable material" does not distinguish from one of the seals (16b, 16c, 16q) of Callahan et al.

6. Claims 1, 2, 7, 8, 9, 17, 18, 19, 20, 22, 23, 24, 25, 26, 29, 30, 31, 32 and 33 are rejected under 35 U.S.C. 102(b) as being anticipated by Baker et al (US 2,079,830).

The claimed structure reads exactly on the reference's when members (17, 14, 18), (19) and (18) of Baker et al are respectively considered as "body", "anchoring mechanism" and "flow conduit" as recited.

As to claim 2, see sealing element 19.

As to claims 7-9 and 30-31, see valve 21-23, sliding valve 25 and check valve 28.

As to claim 17, see "stretchable outer sleeve" 19.

As to claims 18, see "radial ports" 27.

As to claim 19, see "plug" 35.

As for claim 20, valves 21-24 equalize the pressure across the wall 14 when the packing sleeve 19 is collapsed (see page 1, column 2, lines 40-44).

Art Unit: 3672

As for claims 23-25, the "landing mechanism" or/and "sealing element" do not distinguish from member 19 of Baker et al.

As to claim 26, the "sleeve formed of a stretchable material" does not distinguish from packing sleeve 19.

7. Claim 37 is rejected under 35 U.S.C. 102(b) as being anticipated by Nelson (US 5,806,614) or Wood et al (US 4,396,075).

The claimed structure reads exactly on the Nelson reference when members (16), (30A-30C) and (70) are respectively considered as "casing assembly", "branch legs" and "cementing tool" as recited.

Similarly, the claimed structure reads exactly on the Wood et al reference when members (5,13) and (16) are respectively considered as "casing assembly" and "cementing tool" as claimed.

Allowable Subject Matter

8. Claims 4-6, 10-12, 15, 16, 27, 38 and 39 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Drawings

9. The substitute drawings filed on March 21, 2002 are objected to because in Figures 3, 4, 5, 6, 7, 8, 9A, 9B, 10A-10J,. A proposed drawing correction or corrected drawings are required

Art Unit: 3672

in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

Conclusion

10. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

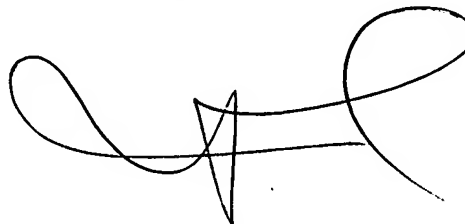
11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hoang Dang whose telephone number is 703-308-2149. The examiner can normally be reached on 9:15-5:45 Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dave Bagnell can be reached on 703-308-2151. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-2168.

**Hoang Dang
Primary Examiner
Art Unit 3672**

10054555.1rej

A handwritten signature in black ink, consisting of a series of loops and a central vertical stroke, positioned below the printed name of the examiner.